

# EX26484 V2 Series

Managed 48-port Gigabit PoE and 4-port 1G/10G SFP+ Ethernet Switch



## Overview

EtherWAN's EX26484 series is a managed 52-port PoE Ethernet switch platform. Equipped with 48 gigabit PoE ports along with a high total PoE power budget of 450W or 860W and 4 10-gigabit SFP+ ports, the EX26484 series provides flexibility, speed, and reliability for networks in urban infrastructure, security, and other areas where connectivity is crucial.

EtherWAN — "When Connectivity is Crucial."

## Highlights

### + High Bandwidth and Versatility

- 48 10/100/1000BASE-T(X) ports for high bandwidth connections
- 4 10 Gigabit fiber connections
- Full capacity switching running at full duplex

### + High Power PoE Power Budget

- Maximum PoE power budget of up to 860W
- Provides up to 30W per port for PTZ cameras and other high power devices

### + Management/Security Features

- PoE watchdog monitors status of connected PoE devices
- 802.1x port-based network access control and remote authentication through RADIUS and TACACS+
- Port control and security

### + Support

- Complimentary technical support
- Free firmware upgrades

## Features

### + Interface

CLI, Telnet and Web Browser SNMP  
v1/v2c/v3

### + Management

Firmware and configuration upgrade and  
backup via TFTP

Supports DHCP Server/Client

RMON (Remote Monitoring): group 1, 2, 3, 9

Port mirroring: TX/RX and both

NTP (Network Time Protocol) Time  
Synchronization

IEEE 802.1ab LLDP (Link Layer Discovery  
Protocol)

IPv4/IPv6

PoE Watchdog

Virtual Stacking

### + Security

MAC Address Filtering

Enable/Disable Port

Storm Control (Broadcast and Multicast  
Types)

IEEE802.1x LAN Access Control

Remote Authentication through RADIUS &  
TACACS+

SSH for CLI and Telnet Security

SSL for Web Security

System Log

ACL

## **+ Quality of Service (QoS)**

Priority Queues: 8 Queues per Port

Traffic Classification Based on IEEE802.1p  
CoS, DSCP, WRR, and Strict Mode

Rate Limiting (Ingress/Egress)

## **+ Layer 2 Features**

### **Flow Control**

IEEE802.3x full duplex mode

Back-Pressure half duplex mode

### **Redundant Protocol**

IEEE802.1D Spanning Tree Protocol (STP)

IEEE802.1w Rapid Spanning Tree Protocol  
(RSTP)

IEEE802.1s Multiple Spanning Tree Protocol  
(MSTP)

### **VLANs**

Supports up to 4K VLANs simultaneously (128  
groups, 4096 VID)

Port-based VLAN

IEEE 802.1Q tag-based VLAN (128 groups,  
4096 VID)

Voice VLAN

### **Link Aggregation**

Static trunk (13 groups, 4 ports per group)

IEEE802.3ad Link Aggregation Control Protocol

### **IGMP Snooping**

IGMP snooping v1/v2/v3

Supports 1024 multicast groups

## **+ Layer 3 Features**

IPv4 Unicast: Static routing

IPv6 Unicast: Static routing

## Specifications



## + Technology

### Standards

- IEEE 802.3 10BASE-T
- IEEE 802.3u 100BASE-T
- IEEE 802.3ab 1000BASE-T
- IEEE 802.3e 10GBASE
- IEEE 802.3ad LACP
- IEEE 802.3af PoE
- IEEE 802.3at PoE+
- IEEE 802.3x Full duplex and flow control
- IEEE 802.1D STP
- IEEE 802.1p QoS
- IEEE 802.1Q Tag VLANs
- IEEE 802.1s MSTP
- IEEE 802.1w RSTP
- IEEE 802.1x Port-based Network Access Control
- IEEE 802.1ab LLDP
- G.0832 ERPS

### Forward/Filtering Rate

- 14,800pps for 10Mbps
- 148,810pps for 100Mbps
- 1,488,100pps for 1000Mbps
- 14,881,000pps for 10gbps

### Packet Buffer Memory

- 32M Bits

### Processing Type

- Store-and-forward
- Auto-negotiation
- Half-duplex back-pressure and full-duplex flow control and IEEE 802.3x full-duplex flow control
- Auto MDI/MDIX

### Address Table Size

- 32K MAC Addresses

### Switching Fabric

- 176Gbps

## + Interface

### Ethernet

- 10/100/1000BASE-T(X): 48 ports
- 1G/10G SFP+: 4 ports

### Console

- 1 x RJ45

### LED Indicators

- Per Unit: Power
- Per Port: Link/Activity, PoE

## + Power

### Input

- 100-240VAC

### Power Consumption

- 37W Max (without PoE) w/ PoE power budget of 450/860W
- up to 30W/port Poe power output

## + Physical

### Casing Material

- Aluminum

### Dimensions

- EX26484: 440 x 330 x 44mm (W x D x H)

(17.3" x 12.99" x 1.73")

- EX26484-920: 440 x 380 x 44mm

(17.3" x 14.96" x 1.73")

### Weight

- 5.5kg (12.1lbs)

### Installation Type

- Rack Mounting

## + Environmental

### Operating Temp.

- 0 to 50°C (32 to 122°F)

### Storage Temp.

- -10 to 70°C (-10 to 158°F)

### Relative Humidity

- 10% to 90% (non-condensing)

## + Regulatory

### ISO

- Manufactured in ISO-9001 facility

### EMI

- FCC Part 15B
- VCCI Class A
- CE Mark Class A

### Safety

- UL 62368-1

## + Warranty

### Length

- 3 Years

### Details

- [www.etherwan.com/support/warranty-policy](http://www.etherwan.com/support/warranty-policy)

## + What's Included

### Device

- Ethernet Switch

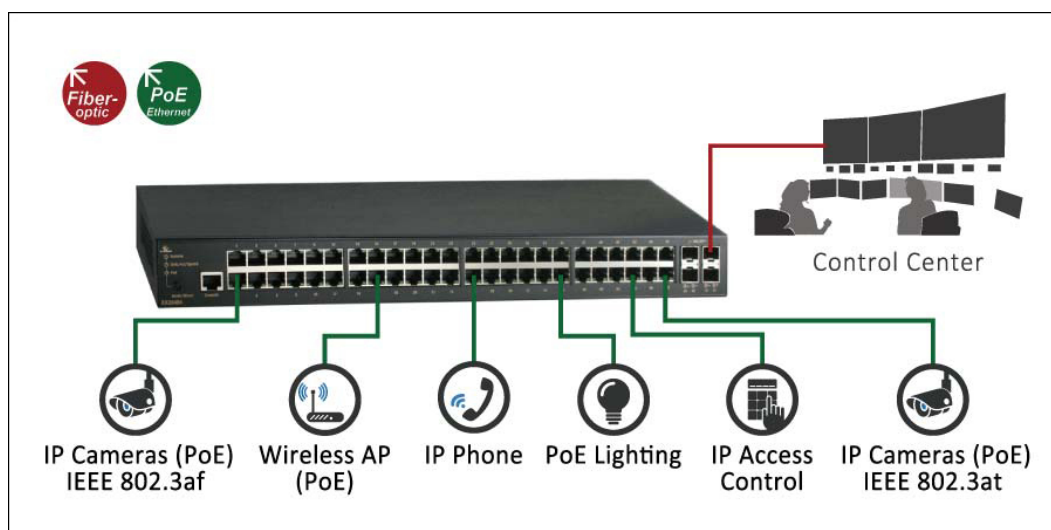
### Accessories

- AC Power Cord
- Rack Mounting Kit

### Documentation

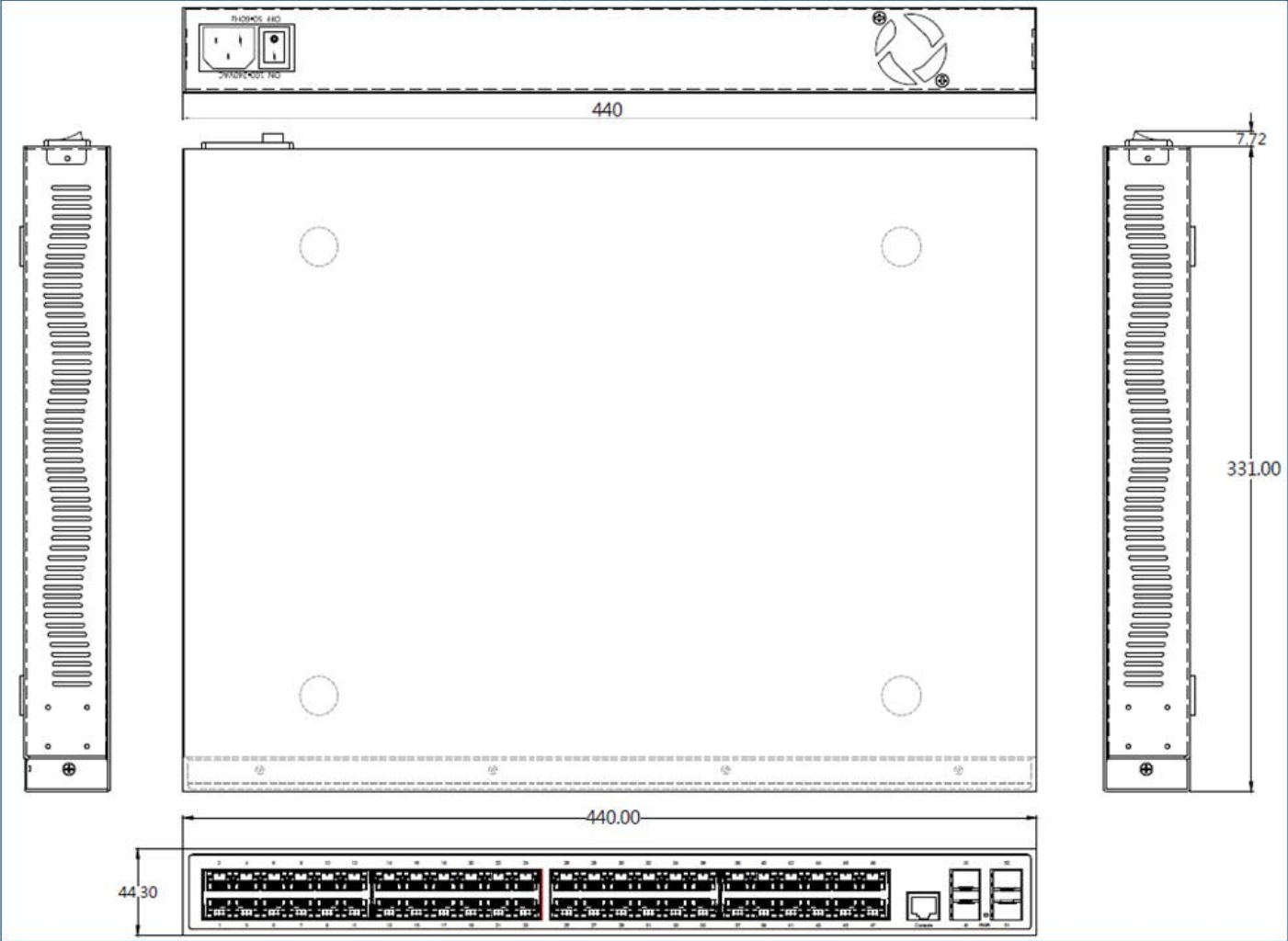
- Quick install guide

## Application





Dimensions



# Ordering Info

## + Model

EX26484	48-Port 10/100/1000BASE PoE + 4-Port 1G/10G SFP+ Managed Ethernet Switch, 450W Power Budget
EX26484-920	48-Port 10/100/1000BASE PoE + 4-Port 1G/10G SFP+ Managed Ethernet Switch, 860W Power Budget

\* Rack mounting kit included.

